

# Converting Colors

Hex(620B4B)

Have a look what the booklet for  
Hex(620B4B) contains.

<b>Hex(620B4B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(620B4B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	620B4B
RGB	98, 11, 75
RGB Percent	38%, 4%, 29%
CMY	0.6157, 0.9569, 0.7059
CMYK	0.00, 0.89, 0.23, 0.62
HSL	316°, 80%, 21%
HSV	316°, 89%, 38%
XYZ	6.4267, 3.3440, 6.9633
YIQ	44.3090, 31.3080, 38.3480

# Conversions

## Conversions Part 2

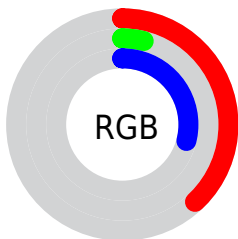
<b>Format</b>	<b>Color</b>
<b>RYB</b>	98, 11, 75
Decimal	6425419
CIELab	21.37, 42.61, -15.55
CIElCh	21, 45.358, 339.957
Yxy	3.3440, 0.3840, 0.1998
Android (android.graphics.Color)	4284615499 (0xFF620B4B)
YUV	44.3090, 15.1307, 47.0870
Hunter-Lab	18.2866, 30.7306, -9.7763

# Details

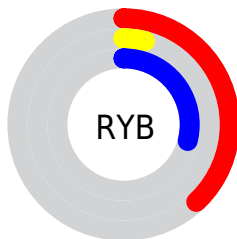
The Hex color **620B4B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **0B6222**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **98437C**, and **31001F** is the 20% darker color. If you saturate the color by 10%, you get **620148**, and if you desaturate by 10%, it is **62154E**.

# Distribution



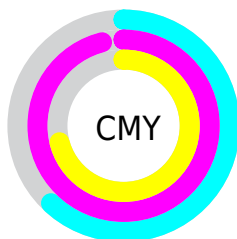
- Red (38%)
- Green (4%)
- Blue (29%)



- Red (38%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (89%)
- Yellow (23%)
- Black (62%)



- Cyan (62%)
- Magenta (96%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 620B4B changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 620B4B by changing the saturation by 10% instead.



 620B4B

 620B4B

FFFFFF

 480034

 98437C

 31001F

 B45D96

 0D0002

 D077B1

 000000

 ED91CC

 FFADE8

 FFC9FF

 FFE5FF

 620B4B

 620B4B

■ 620148

■ 62154E

■ 620048

■ 621F50

■ 622853

■ 623255

■ 623C58

■ 62465B

■ 62505D

■ 625960

■ 626362

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



402467



620B4B



6C002A

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



620B4B



363500



00415E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



620B4B



0B6222

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00413E



620B4B



0E3C00

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



620B4B



522900



00401B



003D73

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



620B4B



690D14



00401B



004154



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



620B4B



805D76



210B62



402B3A



BFBFBF



404040



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



620B4B



80005E



620B21



302C2F



700053



F000B0



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



620B4B



80005E



0B624C



302C2F



700053

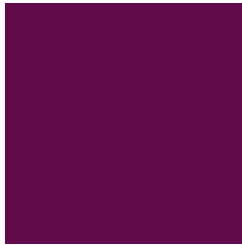


F000B0



# Previews

## White Background



This preview shows how the Hex color 620B4B looks on a white background.

## Color Contrast Check

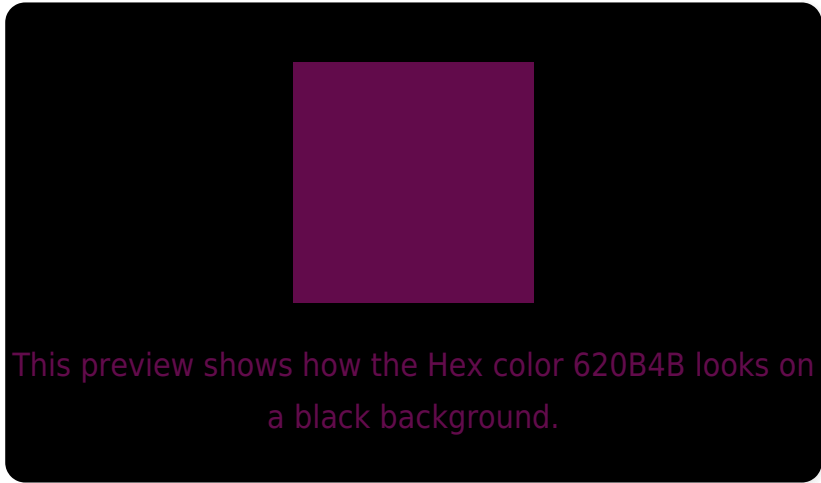
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

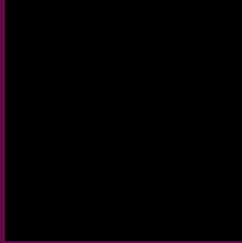
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 620B4B Background



This preview shows how black text looks on a background with the Hex color 620B4B.



This preview shows how white text looks on a background with the Hex color 620B4B.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
5F1F20

# Trichromacy



**Original Color**  
620B4B

**Protanomaly**  
32255E

**Deuteranomaly**  
432648

**Tritanomaly**  
601830

# Monochromacy



**Original Color**  
620B4B

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
402037

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 620B4B is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #620B4B looks like.

```
.text, #text, p{  
    color:#620B4B  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #620B4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #620B4B
}
```

## Border

The CSS property to change the border of an element to Hex 620B4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

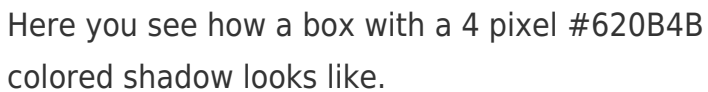
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#620B4B }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#620B4B }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #620B4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #620B4B; -webkit-box-shadow:4px 4px  
4px 4px #620B4B; box-shadow:4px 4px 4px  
4px #620B4B }
```

# Background

The CSS property to change the background color of an element to Hex 620B4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#620B4B }
```

If only the background color should be changed can be used:

```
.background{ background-color:#620B4B }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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